

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO102822\
 Data File : PO089991.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2022 09:56
 Operator : YP/AJ
 Sample : N4955-08
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:39:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.305	3.484	70049172	22671775	21.796	21.332
2)	SA Decachlor...	10.049	8.490	61591074	23751569	25.133	23.061
Target Compounds							
3)	L1 AR-1016-1	5.478	4.568	5005112	1653746	47.055	42.813
4)	L1 AR-1016-2	5.501	4.587	6920070	2207322	45.427	41.264
5)	L1 AR-1016-3	5.563	4.763	4475713	1210431	47.368	41.692
6)	L1 AR-1016-4	5.662	4.806	3271732	1071525	43.630	43.167
7)	L1 AR-1016-5	5.959	5.019	3685073	1351992	47.746	44.011
8)	L2 AR-1221-1	4.513	3.697	21673617	154792	567.808	11.586 #
9)	L2 AR-1221-2	4.607	3.766	2255060	3066331	79.324	302.136 #
10)	L2 AR-1221-3	4.677	3.859	3359992	1084346	39.238	34.857
11)	L3 AR-1232-1	4.677	3.859	3359992	1084346	51.310	45.579
12)	L3 AR-1232-2	5.209	4.587	3911695	2207322	101.756	92.113
13)	L3 AR-1232-3	5.501	4.763	6920070	1210431	103.267	95.318
14)	L3 AR-1232-4	5.662	4.848	3271732	1276796	99.090	104.720
15)	L3 AR-1232-5	5.755	5.019	3311173	1351992	124.982	101.259
16)	L4 AR-1242-1	5.478	4.568	5005112	1653746	60.491	55.548
17)	L4 AR-1242-2	5.501	4.587	6920070	2207322	58.594	54.267
18)	L4 AR-1242-3	5.563	4.763	4475713	1210431	60.128	54.740
19)	L4 AR-1242-4	5.662	4.848	3271732	1276796	56.158	53.842
20)	L4 AR-1242-5	6.403	5.373	1126888	1222922	18.333	42.752 #
21)	L5 AR-1248-1	5.478	4.568	5005112	1653746	79.136	72.845
22)	L5 AR-1248-2	5.755	4.806	3311173	1071525	34.965	32.958
23)	L5 AR-1248-3	5.959	4.848	3685073	1276796	37.381	37.878
24)	L5 AR-1248-4	6.364	5.019	1278465	1351992	11.991	34.959 #
25)	L5 AR-1248-5	6.403	5.414	1126888	293987	10.728	8.119
26)	L6 AR-1254-1	6.338	5.373	3489176	1222922	30.106	20.761 #
27)	L6 AR-1254-2	6.558	5.521	3031107	958806	17.427	17.895
28)	L6 AR-1254-3	6.926	5.942	1549533	1837788	8.926	22.173 #
29)	L6 AR-1254-4	7.213	6.157	1060281	124677	8.318	2.510 #
30)	L6 AR-1254-5	7.634	6.575	8431341	3285445	59.856	43.879 #
31)	L7 AR-1260-1	7.092	6.057	7049076	2809256	50.284	46.664
32)	L7 AR-1260-2	7.350	6.247	8351141	3334091	51.620	46.151
33)	L7 AR-1260-3	7.712	6.401	5759725	2879310	54.826	43.211
34)	L7 AR-1260-4	7.938	6.875	6236018	2435380	50.477	47.871
35)	L7 AR-1260-5	8.255	7.118	11935512	5497398	52.450	47.330
36)	L8 AR-1262-1	7.712	6.616	5759725	2645072	34.745	34.908
37)	L8 AR-1262-2	8.255	7.118	11935512	5497398	42.481	42.871
38)	L8 AR-1262-3	8.574	7.403	7883912	1439929	40.152	26.441 #
39)	L8 AR-1262-4	8.651	7.465	1831775	3977650	18.825	40.956 #
40)	L8 AR-1262-5	9.301	7.963	3217878	1747315	30.538	36.816
41)	L9 AR-1268-1	8.574	7.403	7883912	1439929	22.613	9.139 #

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 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 5 Sample Multiplier: 1

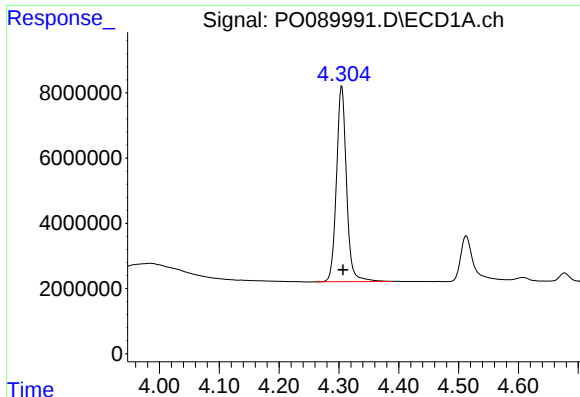
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:39:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.651	7.465	1831775	3977650	5.872	28.350 #
43) L9	AR-1268-3	8.877	0.000	510340	0	1.899	N.D. #
44) L9	AR-1268-4	9.301	7.963	3217878	1747315	27.616	32.173
45) L9	AR-1268-5	9.714	8.244	1044654	717955	1.218	2.051 #

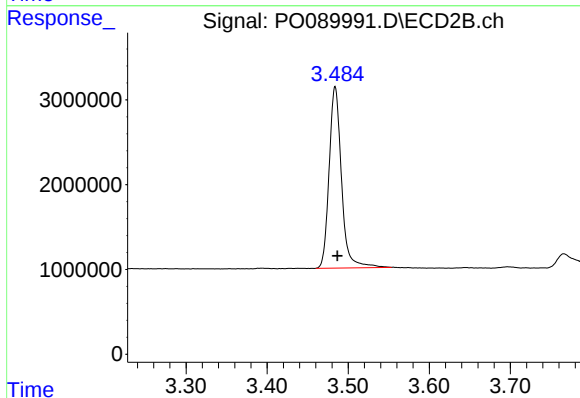
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

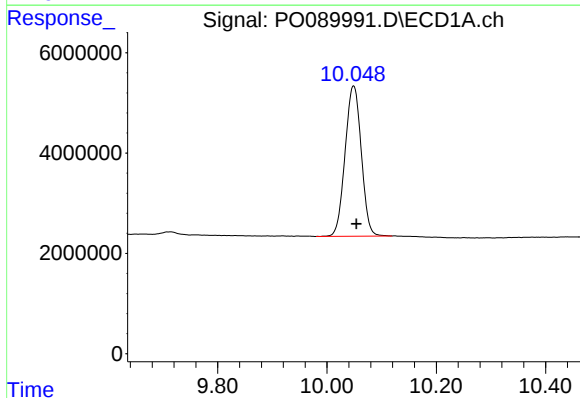
R.T.: 4.305 min
Delta R.T.: -0.002 min
Response: 70049172
Conc: 21.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



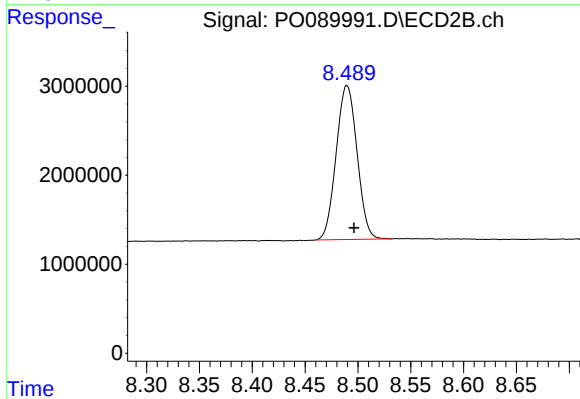
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: -0.003 min
Response: 22671775
Conc: 21.33 ng/ml



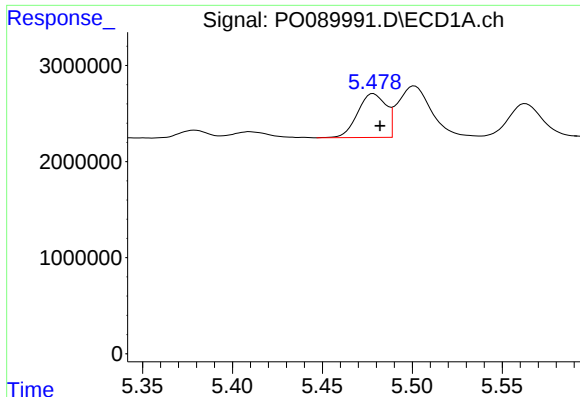
#2 Decachlorobiphenyl

R.T.: 10.049 min
Delta R.T.: -0.005 min
Response: 61591074
Conc: 25.13 ng/ml



#2 Decachlorobiphenyl

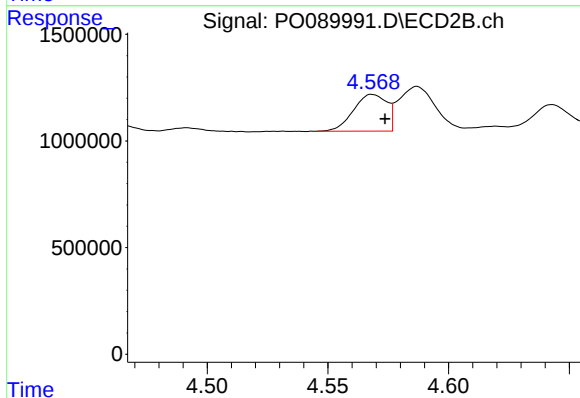
R.T.: 8.490 min
Delta R.T.: -0.007 min
Response: 23751569
Conc: 23.06 ng/ml



#3 AR-1016-1

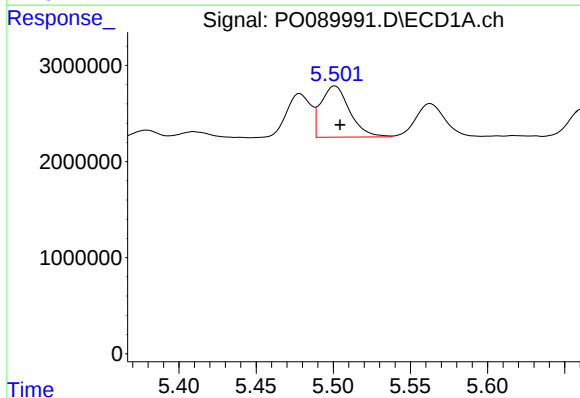
R.T.: 5.478 min
Delta R.T.: -0.004 min
Response: 5005112
Conc: 47.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



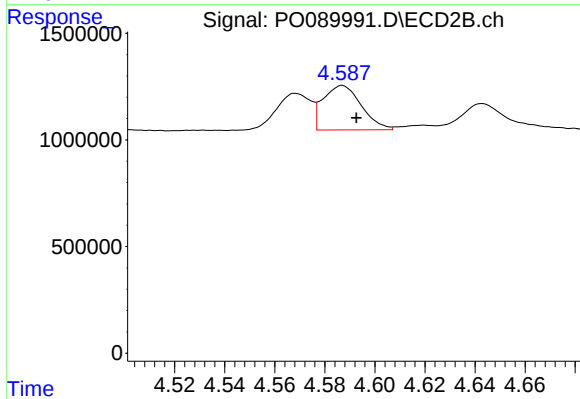
#3 AR-1016-1

R.T.: 4.568 min
Delta R.T.: -0.005 min
Response: 1653746
Conc: 42.81 ng/ml



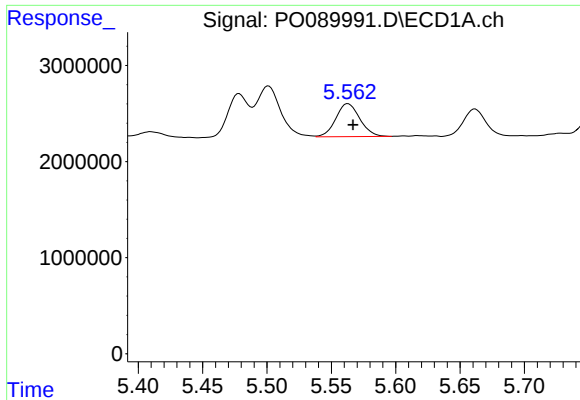
#4 AR-1016-2

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 6920070
Conc: 45.43 ng/ml



#4 AR-1016-2

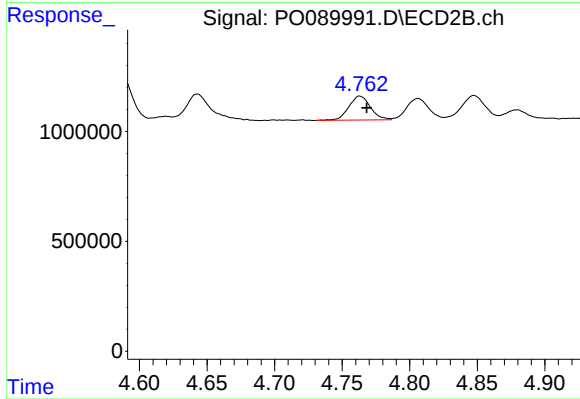
R.T.: 4.587 min
Delta R.T.: -0.006 min
Response: 2207322
Conc: 41.26 ng/ml



#5 AR-1016-3

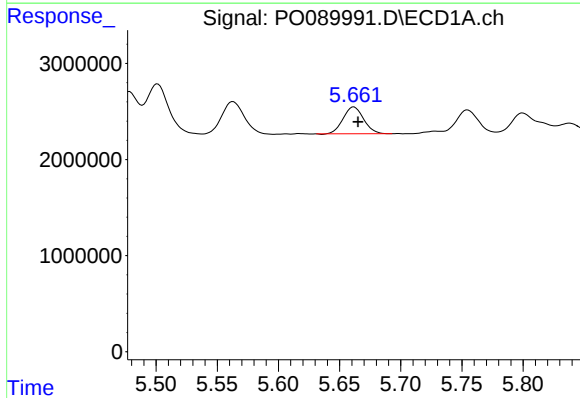
R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 4475713
Conc: 47.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



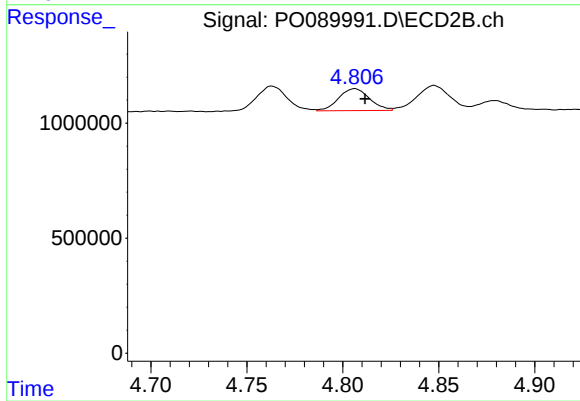
#5 AR-1016-3

R.T.: 4.763 min
Delta R.T.: -0.005 min
Response: 1210431
Conc: 41.69 ng/ml



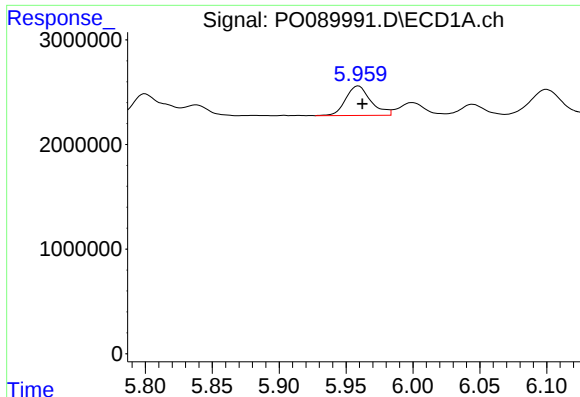
#6 AR-1016-4

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 3271732
Conc: 43.63 ng/ml



#6 AR-1016-4

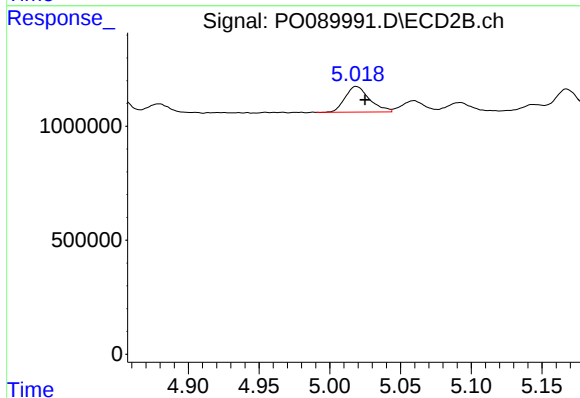
R.T.: 4.806 min
Delta R.T.: -0.005 min
Response: 1071525
Conc: 43.17 ng/ml



#7 AR-1016-5

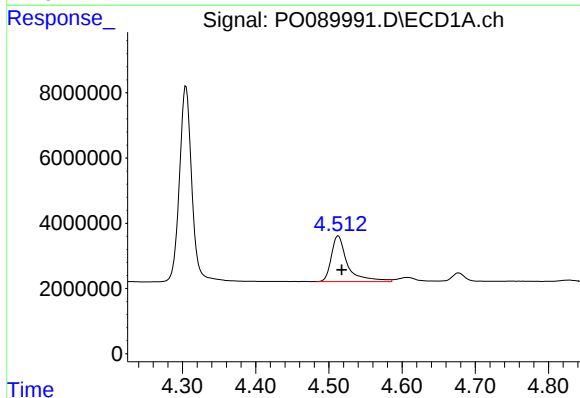
R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 3685073
Conc: 47.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



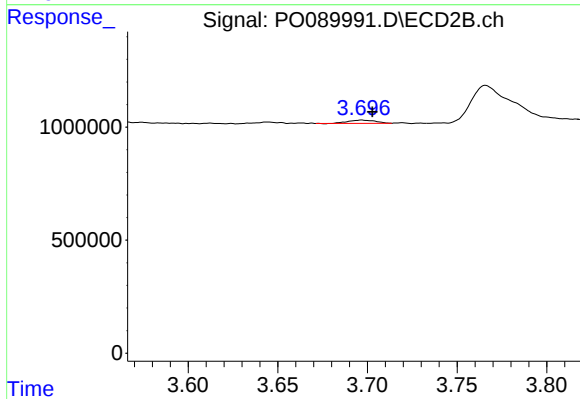
#7 AR-1016-5

R.T.: 5.019 min
Delta R.T.: -0.007 min
Response: 1351992
Conc: 44.01 ng/ml



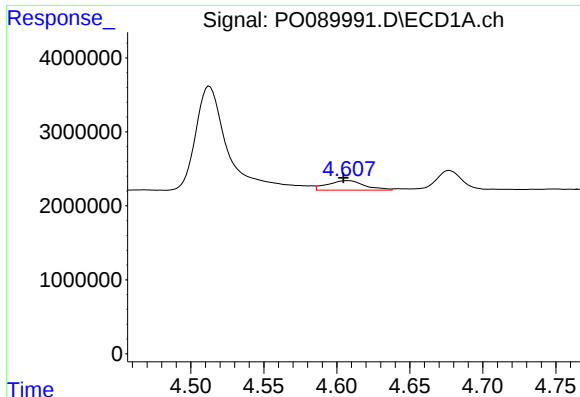
#8 AR-1221-1

R.T.: 4.513 min
Delta R.T.: -0.005 min
Response: 21673617
Conc: 567.81 ng/ml



#8 AR-1221-1

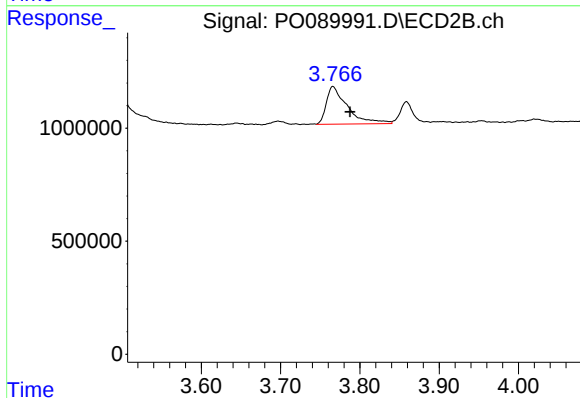
R.T.: 3.697 min
Delta R.T.: -0.006 min
Response: 154792
Conc: 11.59 ng/ml



#9 AR-1221-2

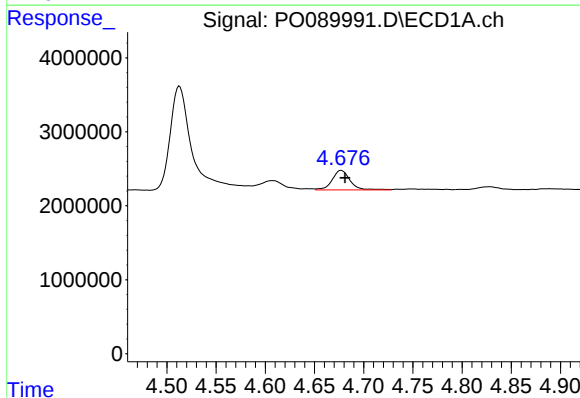
R.T.: 4.607 min
Delta R.T.: 0.003 min
Response: 2255060
Conc: 79.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



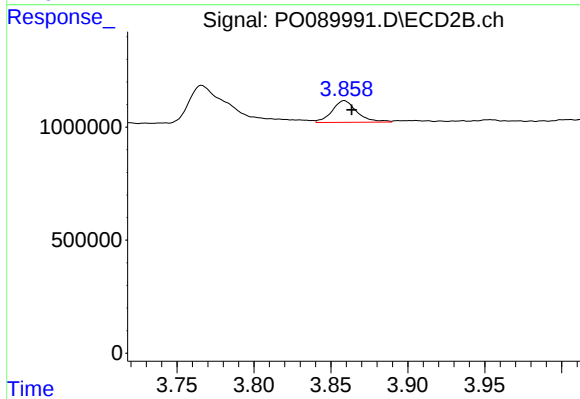
#9 AR-1221-2

R.T.: 3.766 min
Delta R.T.: -0.022 min
Response: 3066331
Conc: 302.14 ng/ml



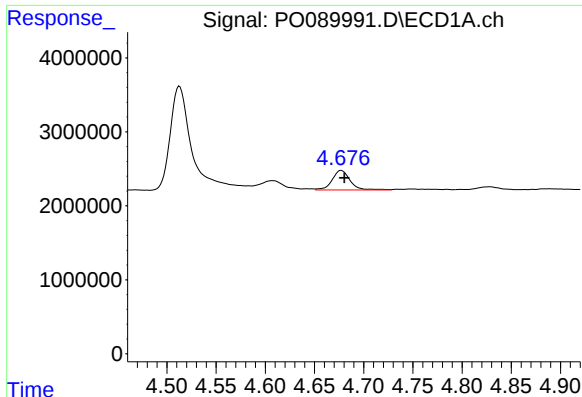
#10 AR-1221-3

R.T.: 4.677 min
Delta R.T.: -0.004 min
Response: 3359992
Conc: 39.24 ng/ml



#10 AR-1221-3

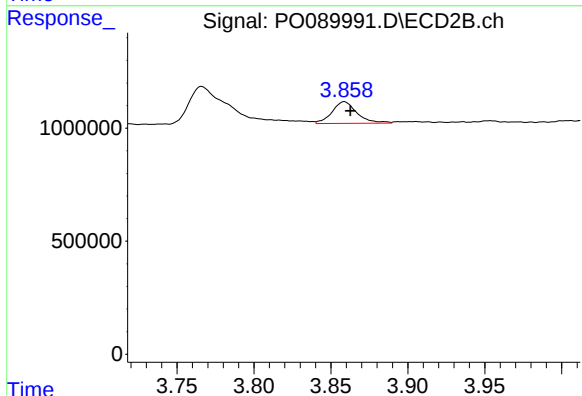
R.T.: 3.859 min
Delta R.T.: -0.005 min
Response: 1084346
Conc: 34.86 ng/ml



#11 AR-1232-1

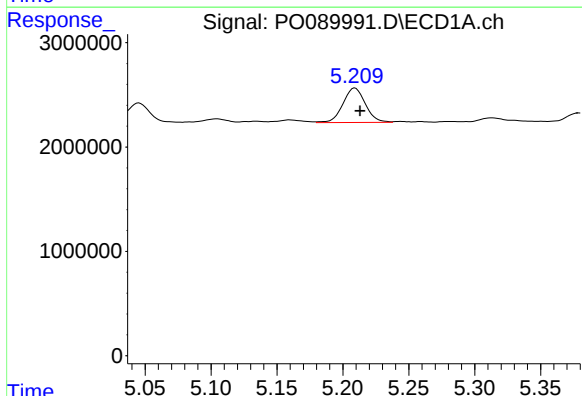
R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 3359992
Conc: 51.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



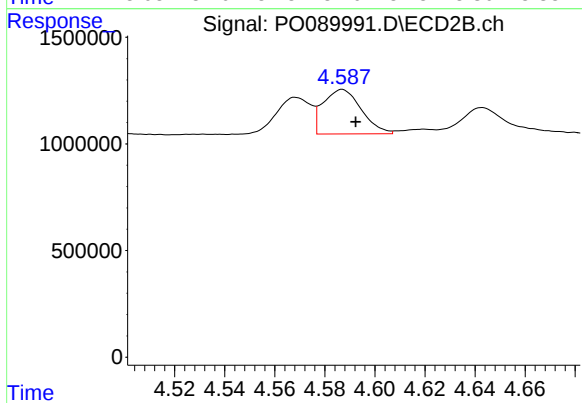
#11 AR-1232-1

R.T.: 3.859 min
Delta R.T.: -0.004 min
Response: 1084346
Conc: 45.58 ng/ml



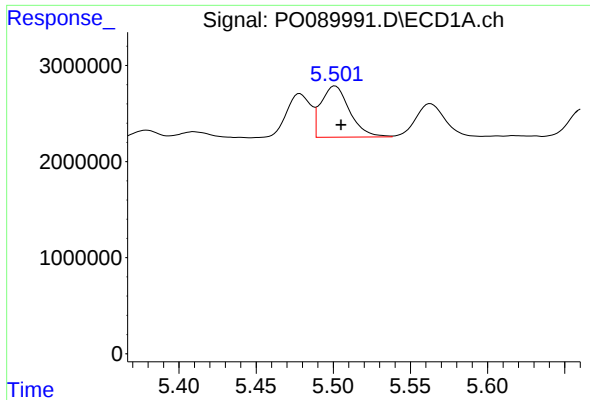
#12 AR-1232-2

R.T.: 5.209 min
Delta R.T.: -0.004 min
Response: 3911695
Conc: 101.76 ng/ml



#12 AR-1232-2

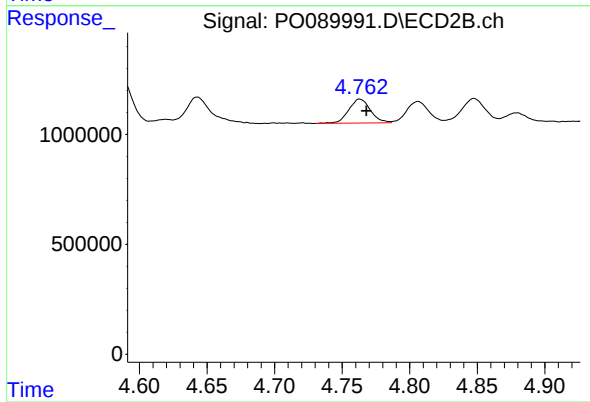
R.T.: 4.587 min
Delta R.T.: -0.005 min
Response: 2207322
Conc: 92.11 ng/ml



#13 AR-1232-3

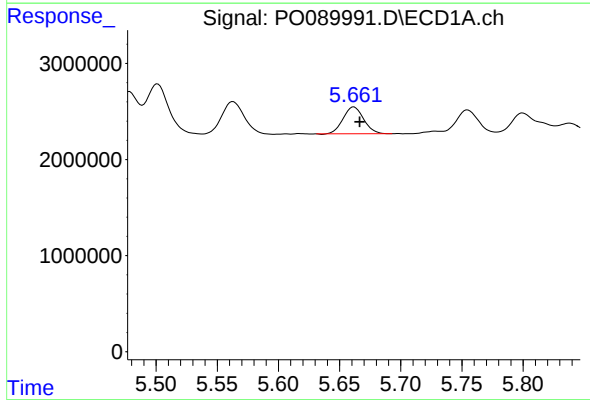
R.T.: 5.501 min
Delta R.T.: -0.004 min
Response: 6920070
Conc: 103.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



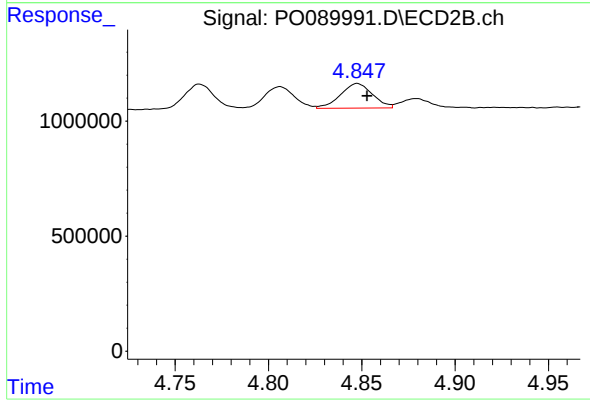
#13 AR-1232-3

R.T.: 4.763 min
Delta R.T.: -0.005 min
Response: 1210431
Conc: 95.32 ng/ml



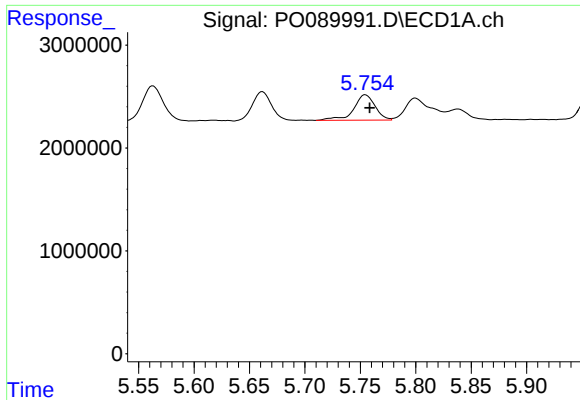
#14 AR-1232-4

R.T.: 5.662 min
Delta R.T.: -0.005 min
Response: 3271732
Conc: 99.09 ng/ml



#14 AR-1232-4

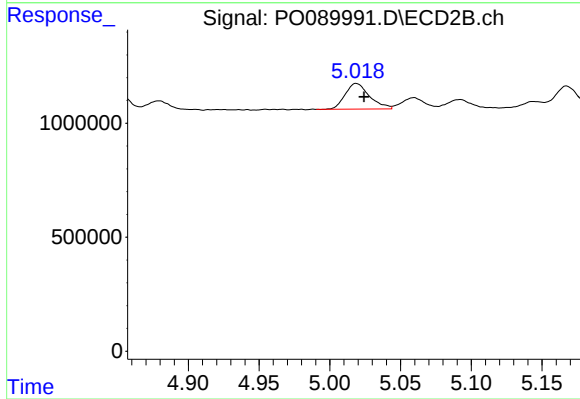
R.T.: 4.848 min
Delta R.T.: -0.005 min
Response: 1276796
Conc: 104.72 ng/ml



#15 AR-1232-5

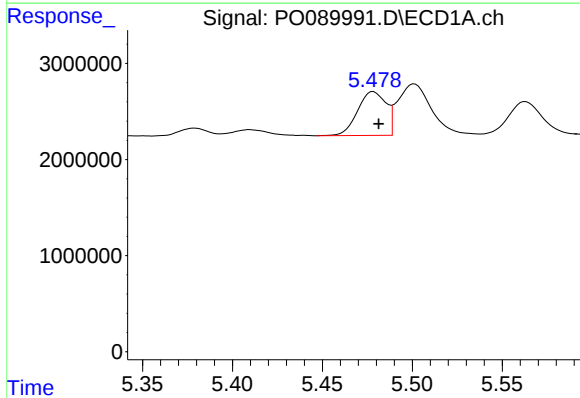
R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 3311173
Conc: 124.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



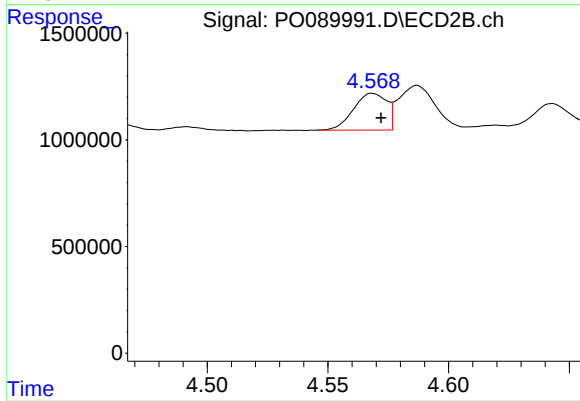
#15 AR-1232-5

R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 1351992
Conc: 101.26 ng/ml



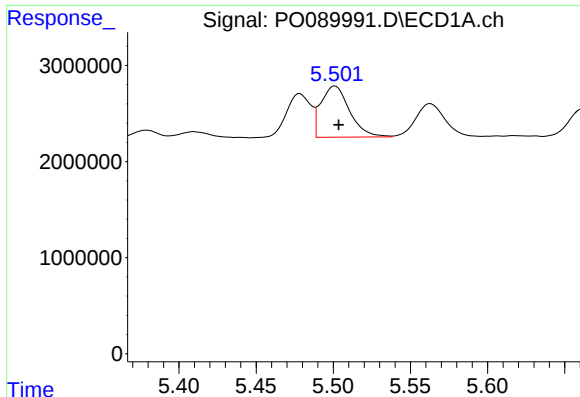
#16 AR-1242-1

R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 5005112
Conc: 60.49 ng/ml



#16 AR-1242-1

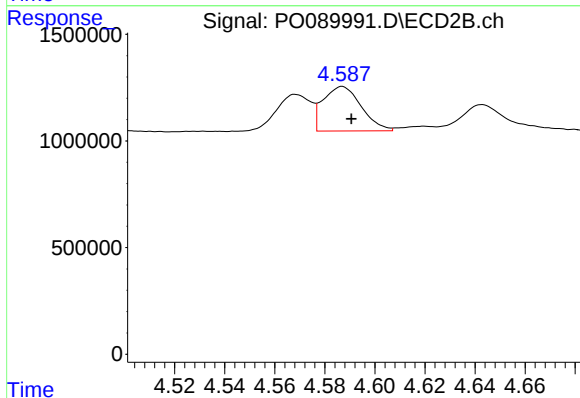
R.T.: 4.568 min
Delta R.T.: -0.004 min
Response: 1653746
Conc: 55.55 ng/ml



#17 AR-1242-2

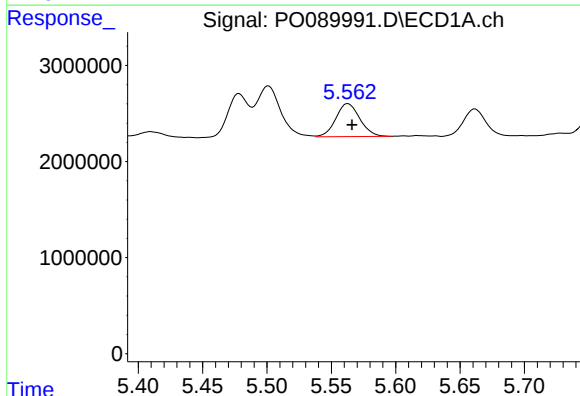
R.T.: 5.501 min
Delta R.T.: -0.002 min
Response: 6920070
Conc: 58.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



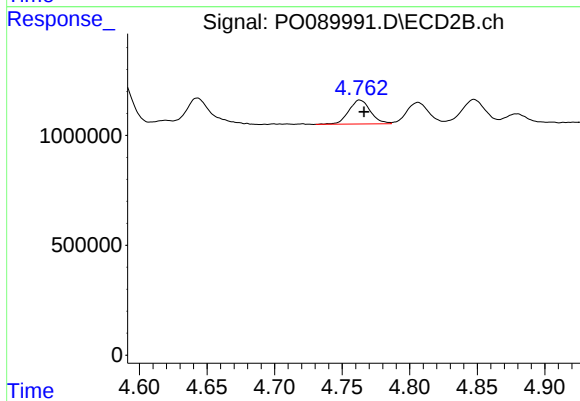
#17 AR-1242-2

R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 2207322
Conc: 54.27 ng/ml



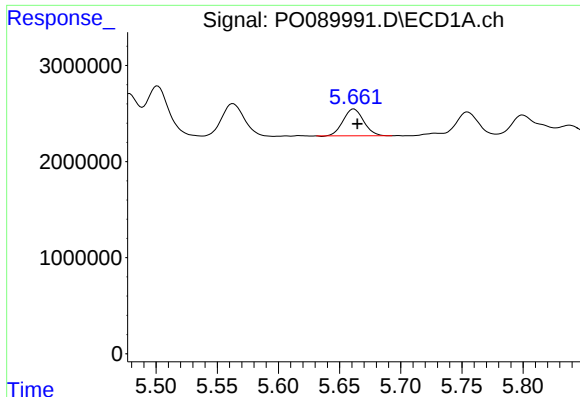
#18 AR-1242-3

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 4475713
Conc: 60.13 ng/ml



#18 AR-1242-3

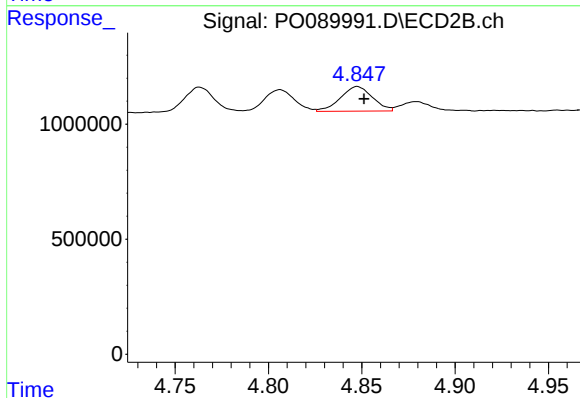
R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 1210431
Conc: 54.74 ng/ml



#19 AR-1242-4

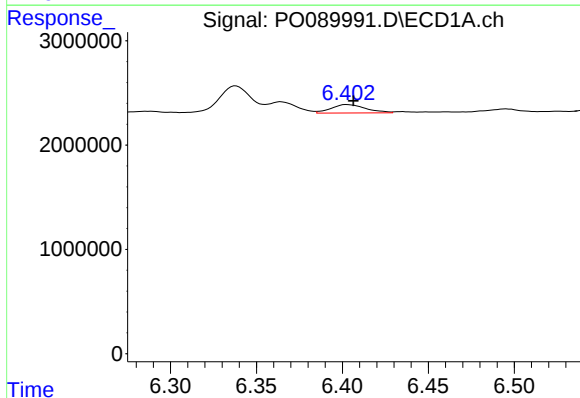
R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 3271732
Conc: 56.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



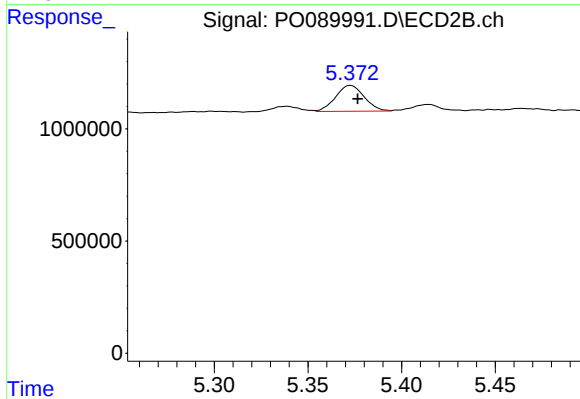
#19 AR-1242-4

R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 1276796
Conc: 53.84 ng/ml



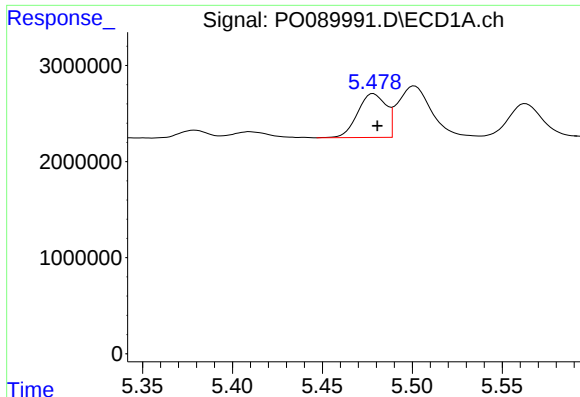
#20 AR-1242-5

R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 1126888
Conc: 18.33 ng/ml



#20 AR-1242-5

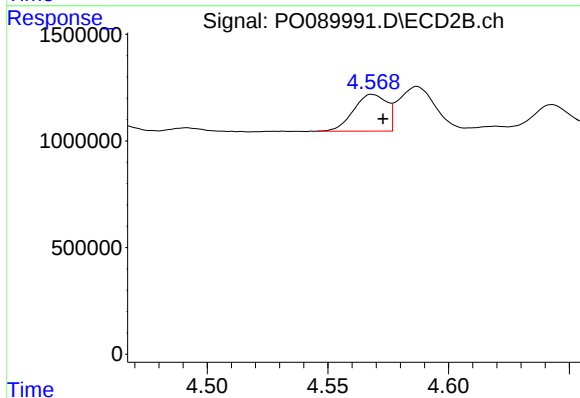
R.T.: 5.373 min
Delta R.T.: -0.004 min
Response: 1222922
Conc: 42.75 ng/ml



#21 AR-1248-1

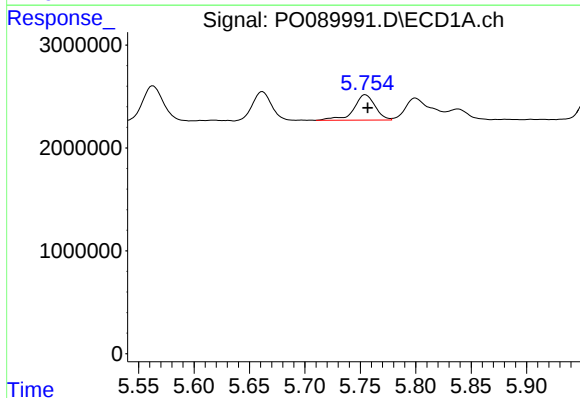
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 5005112
Conc: 79.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



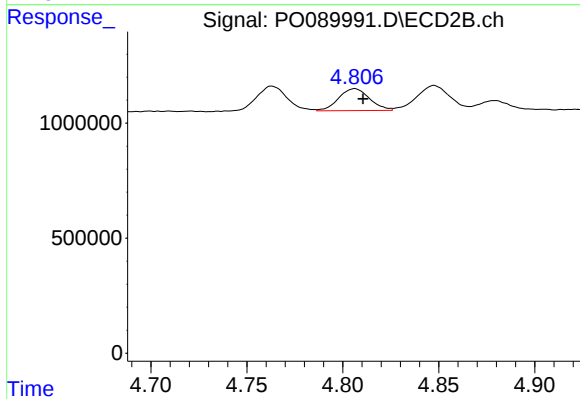
#21 AR-1248-1

R.T.: 4.568 min
Delta R.T.: -0.005 min
Response: 1653746
Conc: 72.85 ng/ml



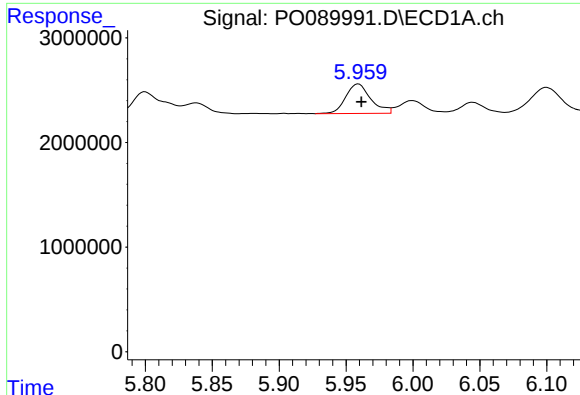
#22 AR-1248-2

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 3311173
Conc: 34.96 ng/ml



#22 AR-1248-2

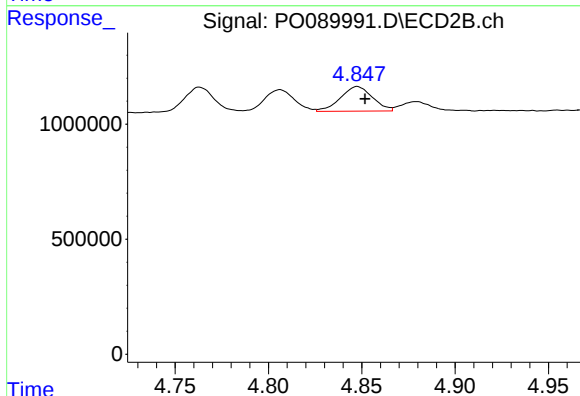
R.T.: 4.806 min
Delta R.T.: -0.004 min
Response: 1071525
Conc: 32.96 ng/ml



#23 AR-1248-3

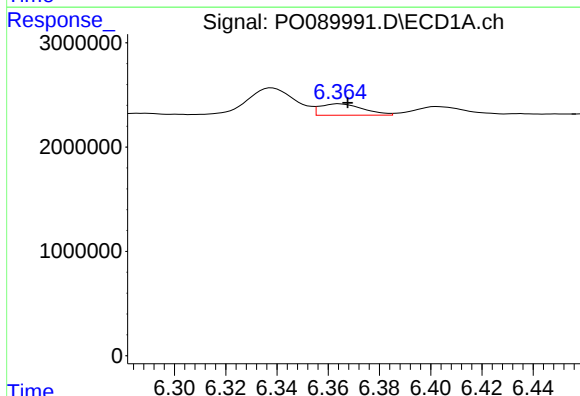
R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 3685073
Conc: 37.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



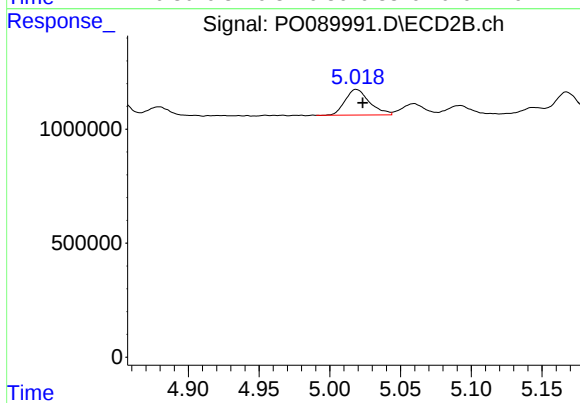
#23 AR-1248-3

R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 1276796
Conc: 37.88 ng/ml



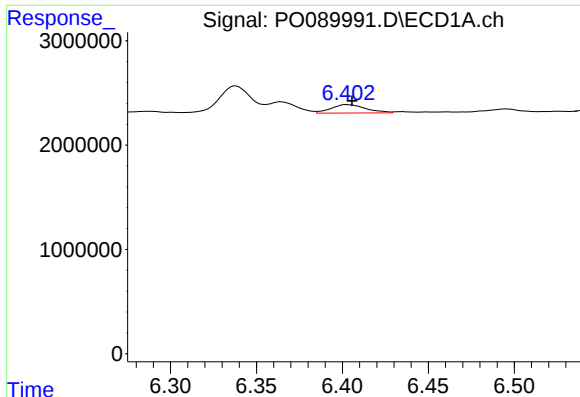
#24 AR-1248-4

R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 1278465
Conc: 11.99 ng/ml



#24 AR-1248-4

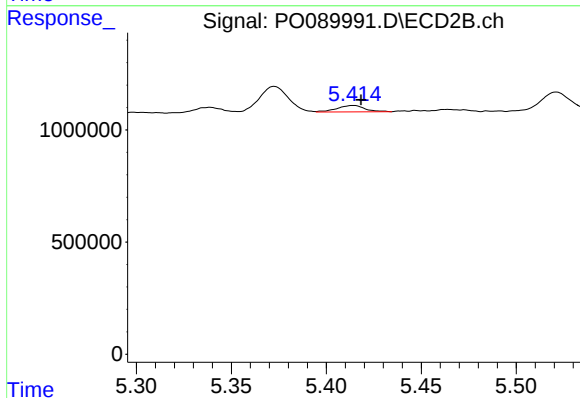
R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 1351992
Conc: 34.96 ng/ml



#25 AR-1248-5

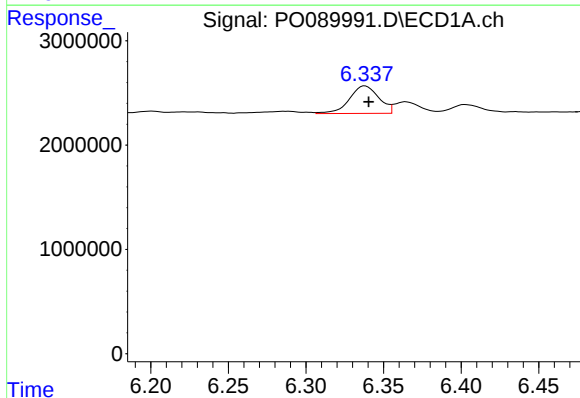
R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 1126888
Conc: 10.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



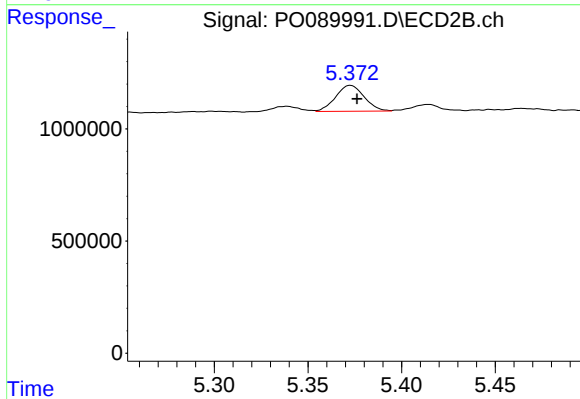
#25 AR-1248-5

R.T.: 5.414 min
Delta R.T.: -0.004 min
Response: 293987
Conc: 8.12 ng/ml



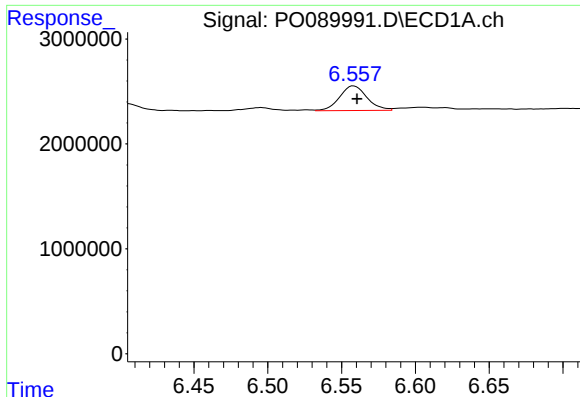
#26 AR-1254-1

R.T.: 6.338 min
Delta R.T.: -0.002 min
Response: 3489176
Conc: 30.11 ng/ml



#26 AR-1254-1

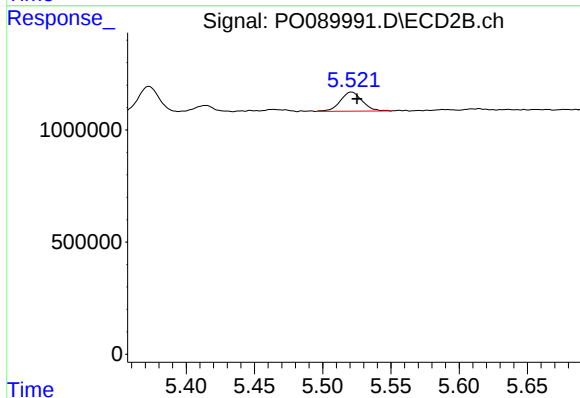
R.T.: 5.373 min
Delta R.T.: -0.004 min
Response: 1222922
Conc: 20.76 ng/ml



#27 AR-1254-2

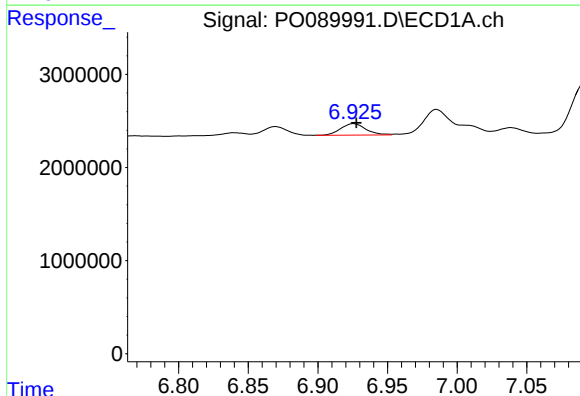
R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 3031107
Conc: 17.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



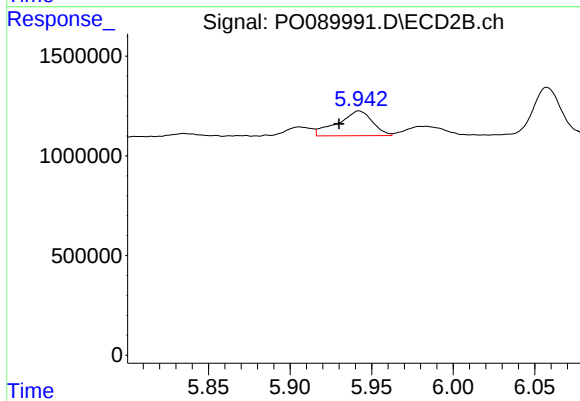
#27 AR-1254-2

R.T.: 5.521 min
Delta R.T.: -0.004 min
Response: 958806
Conc: 17.89 ng/ml



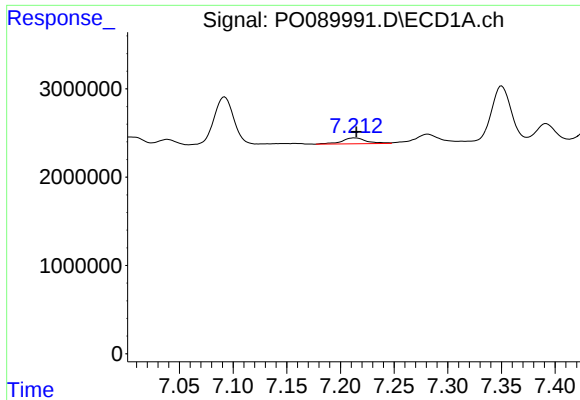
#28 AR-1254-3

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 1549533
Conc: 8.93 ng/ml



#28 AR-1254-3

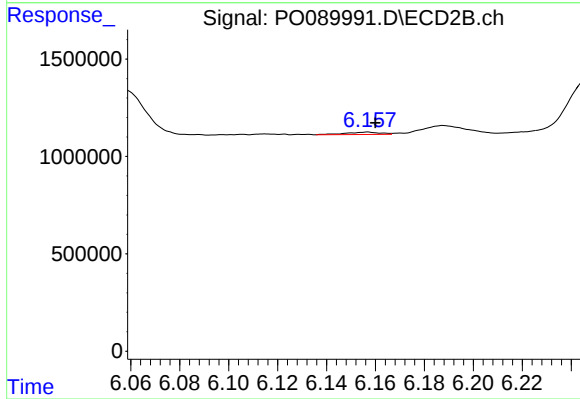
R.T.: 5.942 min
Delta R.T.: 0.012 min
Response: 1837788
Conc: 22.17 ng/ml



#29 AR-1254-4

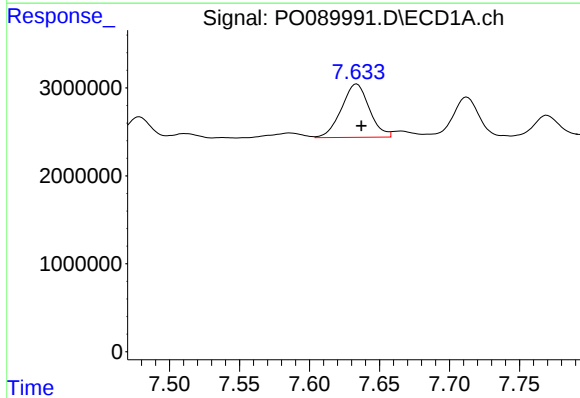
R.T.: 7.213 min
Delta R.T.: -0.002 min
Response: 1060281
Conc: 8.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



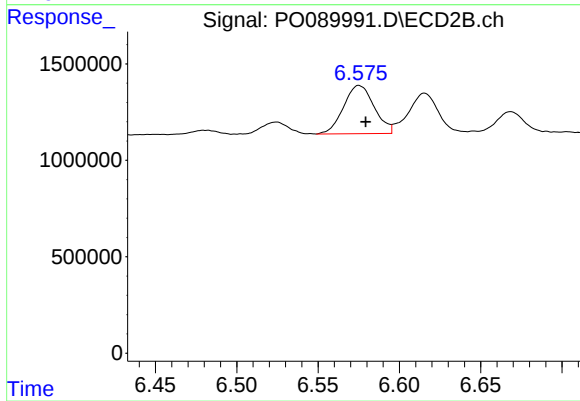
#29 AR-1254-4

R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 124677
Conc: 2.51 ng/ml



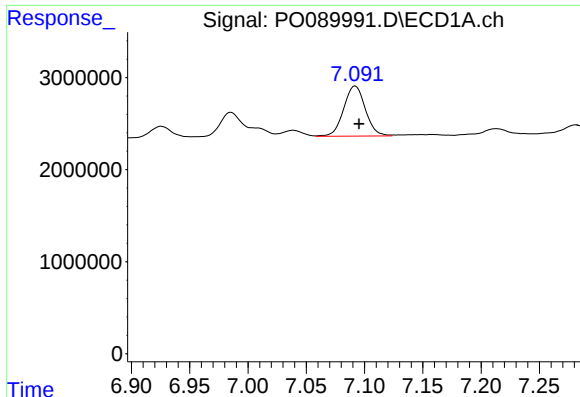
#30 AR-1254-5

R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 8431341
Conc: 59.86 ng/ml



#30 AR-1254-5

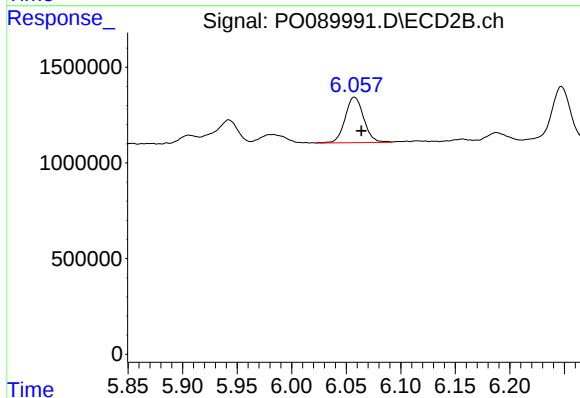
R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 3285445
Conc: 43.88 ng/ml



#31 AR-1260-1

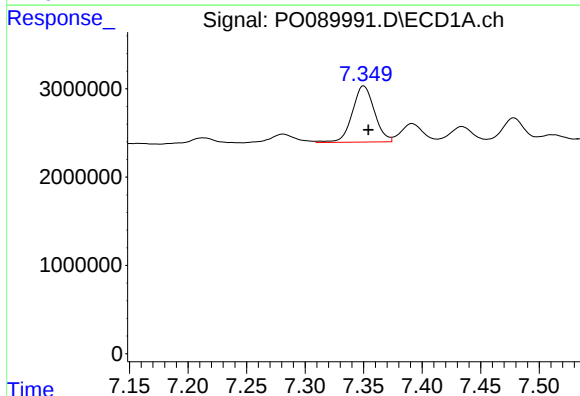
R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 7049076
Conc: 50.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



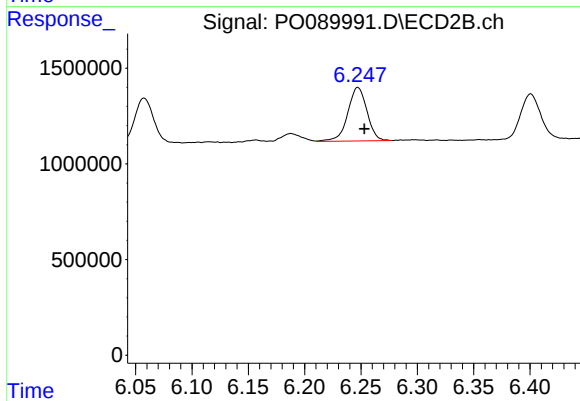
#31 AR-1260-1

R.T.: 6.057 min
Delta R.T.: -0.006 min
Response: 2809256
Conc: 46.66 ng/ml



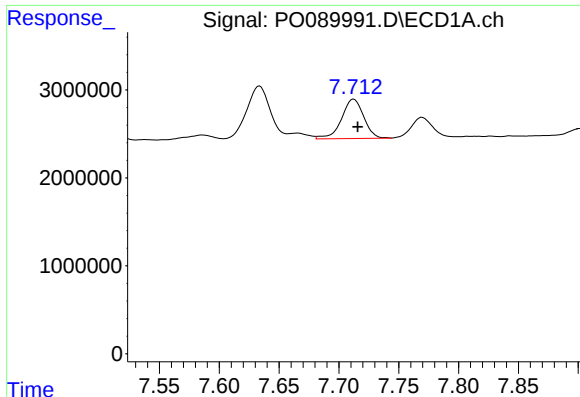
#32 AR-1260-2

R.T.: 7.350 min
Delta R.T.: -0.004 min
Response: 8351141
Conc: 51.62 ng/ml



#32 AR-1260-2

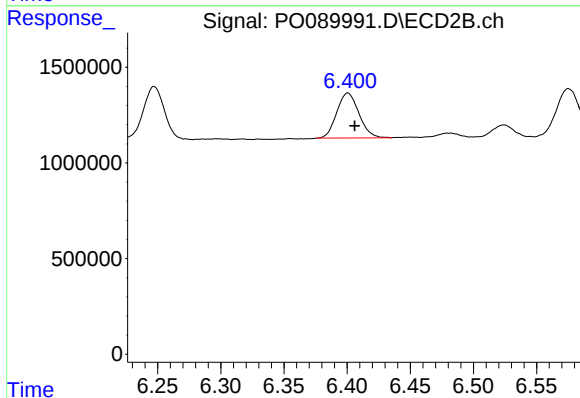
R.T.: 6.247 min
Delta R.T.: -0.006 min
Response: 3334091
Conc: 46.15 ng/ml



#33 AR-1260-3

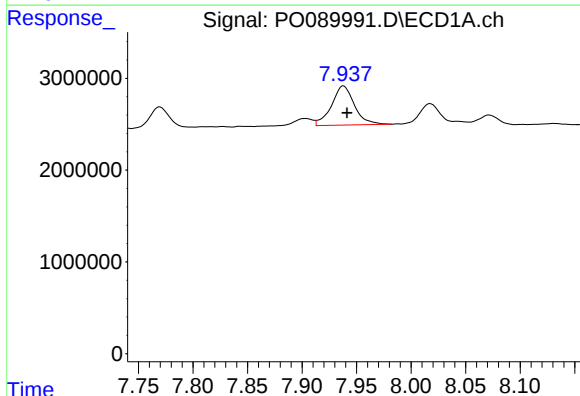
R.T.: 7.712 min
Delta R.T.: -0.003 min
Response: 5759725
Conc: 54.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



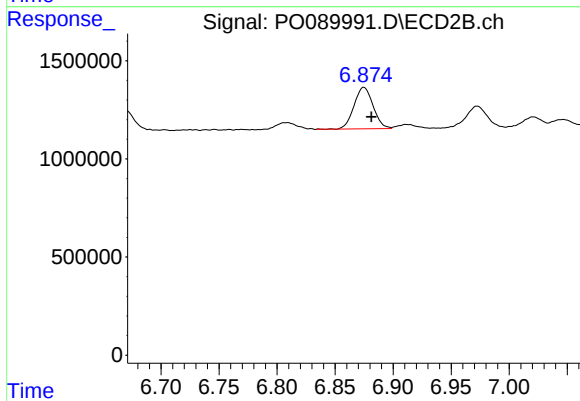
#33 AR-1260-3

R.T.: 6.401 min
Delta R.T.: -0.005 min
Response: 2879310
Conc: 43.21 ng/ml



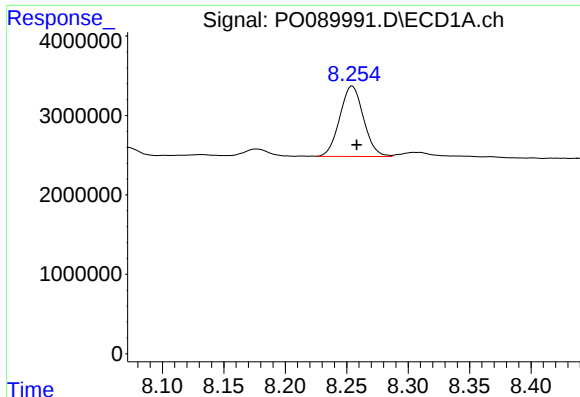
#34 AR-1260-4

R.T.: 7.938 min
Delta R.T.: -0.003 min
Response: 6236018
Conc: 50.48 ng/ml



#34 AR-1260-4

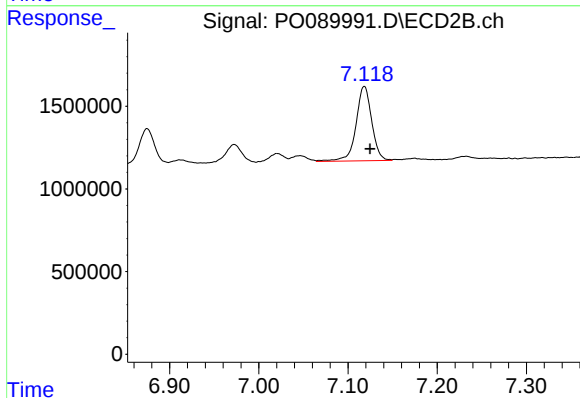
R.T.: 6.875 min
Delta R.T.: -0.006 min
Response: 2435380
Conc: 47.87 ng/ml



#35 AR-1260-5

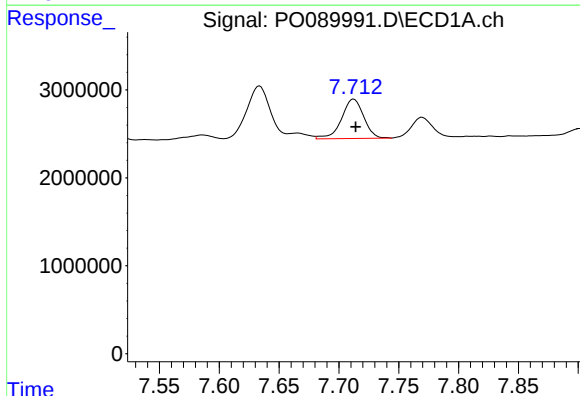
R.T.: 8.255 min
Delta R.T.: -0.003 min
Response: 11935512
Conc: 52.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



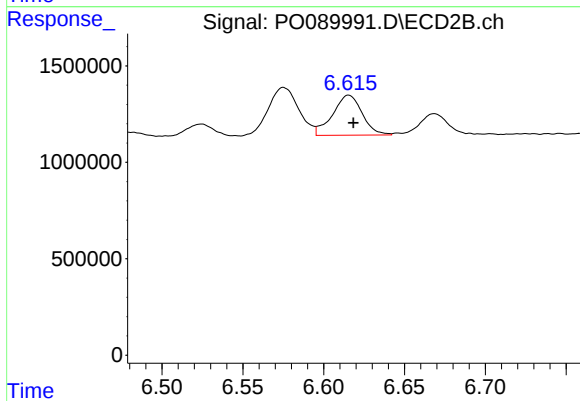
#35 AR-1260-5

R.T.: 7.118 min
Delta R.T.: -0.007 min
Response: 5497398
Conc: 47.33 ng/ml



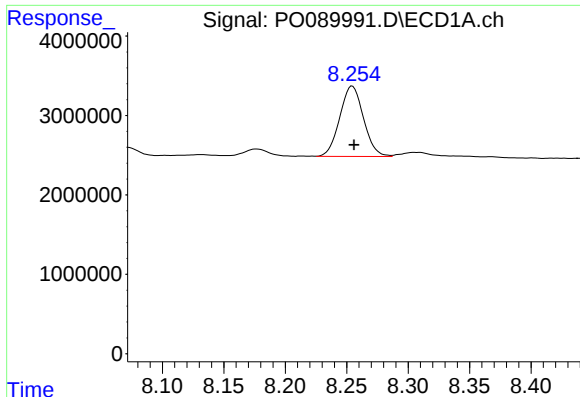
#36 AR-1262-1

R.T.: 7.712 min
Delta R.T.: -0.002 min
Response: 5759725
Conc: 34.75 ng/ml



#36 AR-1262-1

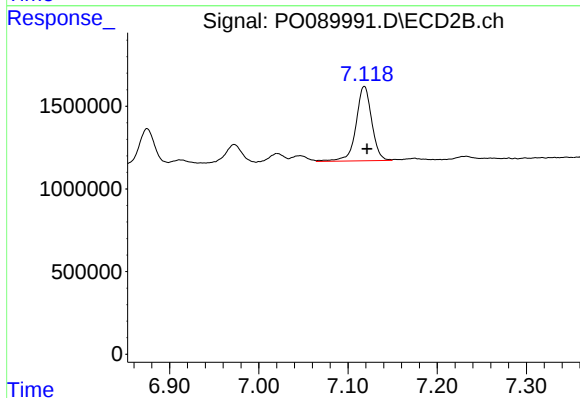
R.T.: 6.616 min
Delta R.T.: -0.003 min
Response: 2645072
Conc: 34.91 ng/ml



#37 AR-1262-2

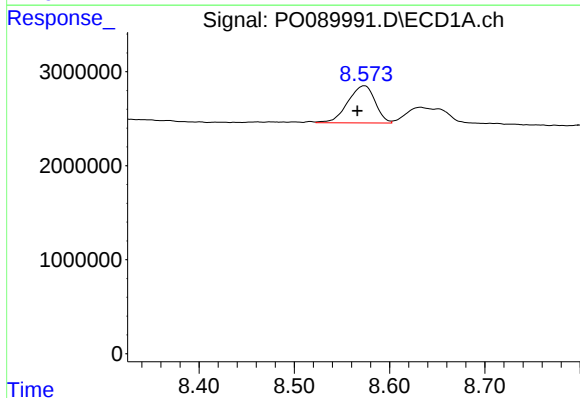
R.T.: 8.255 min
Delta R.T.: -0.002 min
Response: 11935512
Conc: 42.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



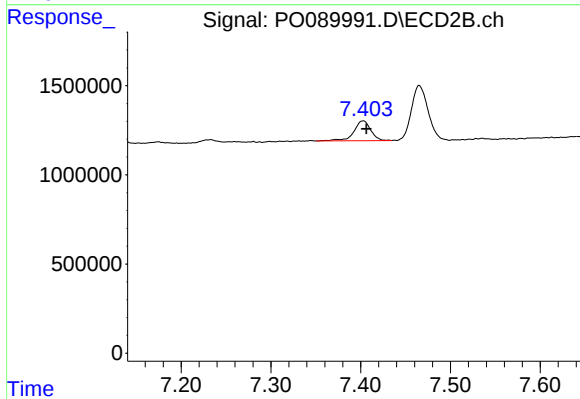
#37 AR-1262-2

R.T.: 7.118 min
Delta R.T.: -0.003 min
Response: 5497398
Conc: 42.87 ng/ml



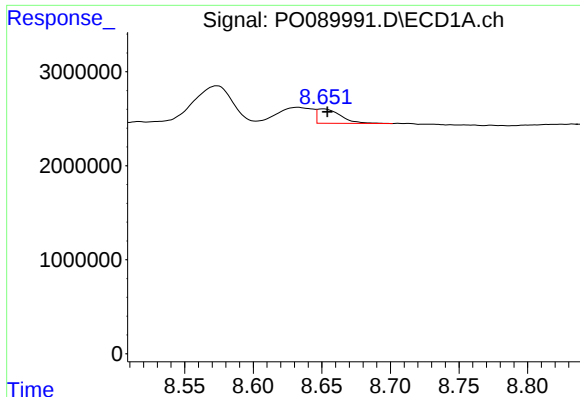
#38 AR-1262-3

R.T.: 8.574 min
Delta R.T.: 0.007 min
Response: 7883912
Conc: 40.15 ng/ml



#38 AR-1262-3

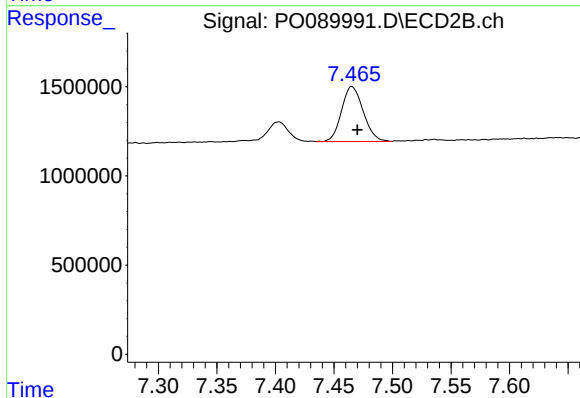
R.T.: 7.403 min
Delta R.T.: -0.004 min
Response: 1439929
Conc: 26.44 ng/ml



#39 AR-1262-4

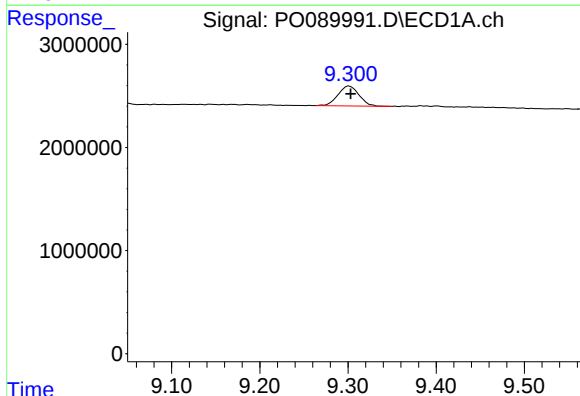
R.T.: 8.651 min
Delta R.T.: -0.003 min
Response: 1831775
Conc: 18.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



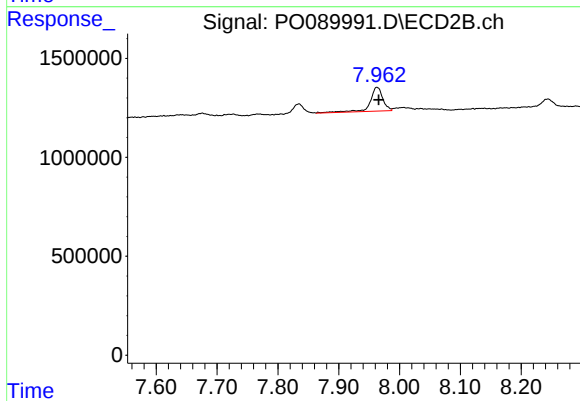
#39 AR-1262-4

R.T.: 7.465 min
Delta R.T.: -0.005 min
Response: 3977650
Conc: 40.96 ng/ml



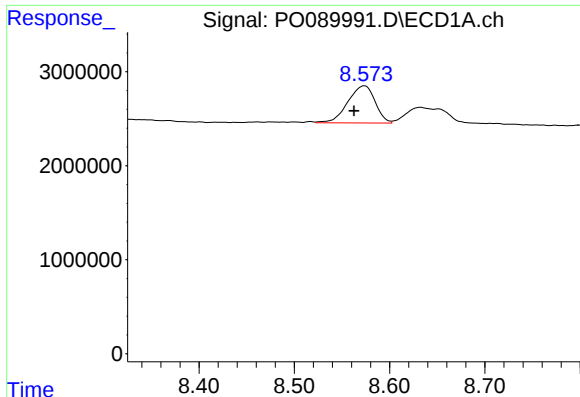
#40 AR-1262-5

R.T.: 9.301 min
Delta R.T.: -0.002 min
Response: 3217878
Conc: 30.54 ng/ml



#40 AR-1262-5

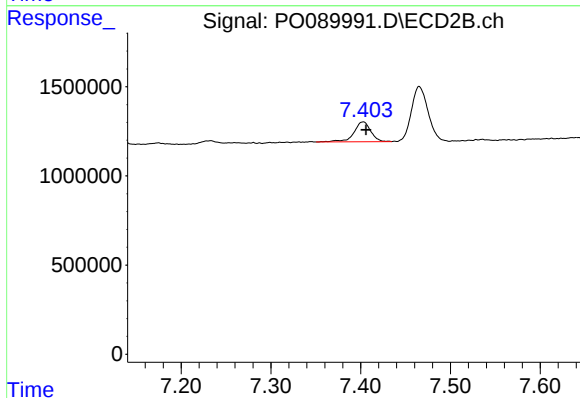
R.T.: 7.963 min
Delta R.T.: -0.003 min
Response: 1747315
Conc: 36.82 ng/ml



#41 AR-1268-1

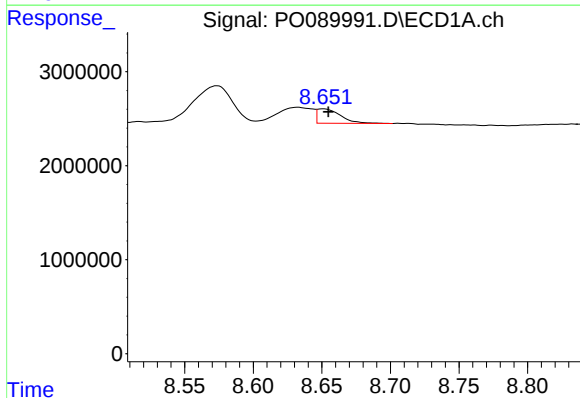
R.T.: 8.574 min
Delta R.T.: 0.011 min
Response: 7883912
Conc: 22.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



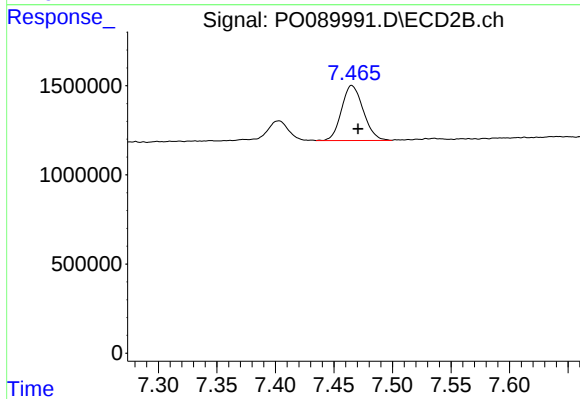
#41 AR-1268-1

R.T.: 7.403 min
Delta R.T.: -0.003 min
Response: 1439929
Conc: 9.14 ng/ml



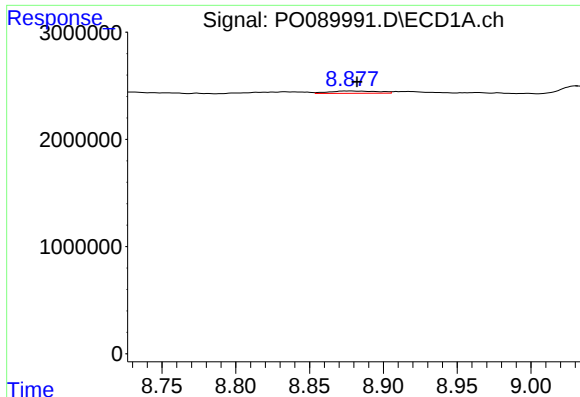
#42 AR-1268-2

R.T.: 8.651 min
Delta R.T.: -0.003 min
Response: 1831775
Conc: 5.87 ng/ml



#42 AR-1268-2

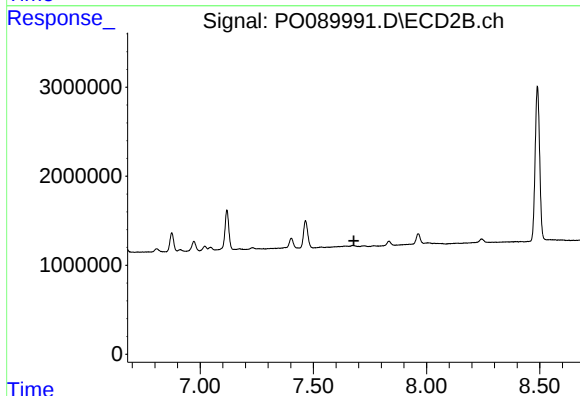
R.T.: 7.465 min
Delta R.T.: -0.005 min
Response: 3977650
Conc: 28.35 ng/ml



#43 AR-1268-3

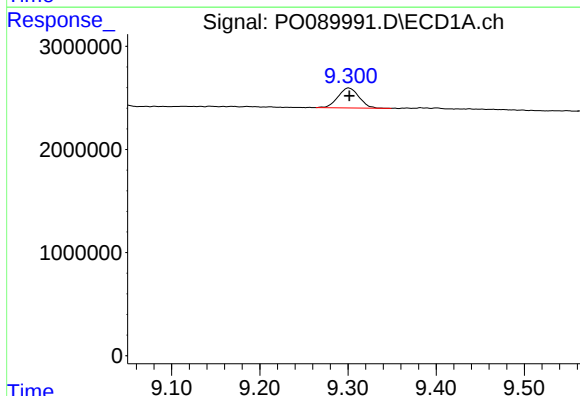
R.T.: 8.877 min
Delta R.T.: -0.005 min
Response: 510340
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



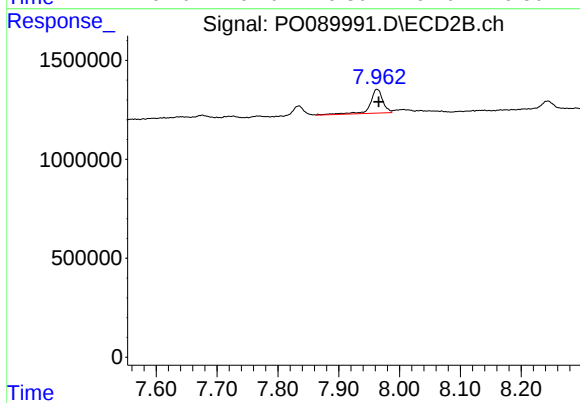
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.679 min
Response: 0
Conc: N.D.



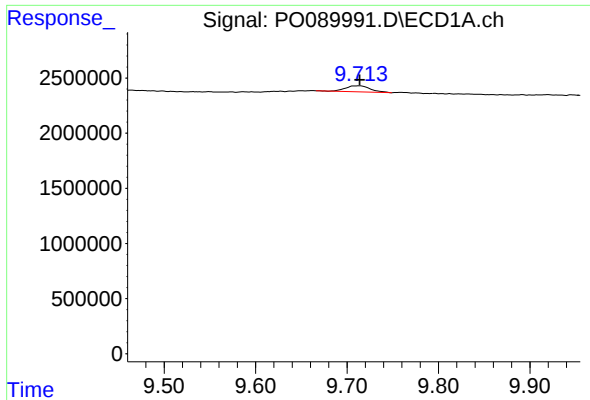
#44 AR-1268-4

R.T.: 9.301 min
Delta R.T.: 0.000 min
Response: 3217878
Conc: 27.62 ng/ml



#44 AR-1268-4

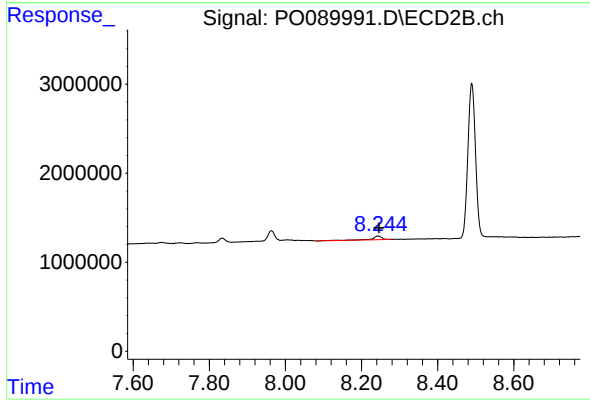
R.T.: 7.963 min
Delta R.T.: -0.003 min
Response: 1747315
Conc: 32.17 ng/ml



#45 AR-1268-5

R.T.: 9.714 min
Delta R.T.: 0.000 min
Response: 1044654
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.244 min
Delta R.T.: -0.002 min
Response: 717955
Conc: 2.05 ng/ml